

Section 1: Identification of the Substance and Supplier

Product name	Bravecto
Recommended use	For oral flea and tick treatment in dogs
Company details	MSD Animal Health, 33 Whakatiki Street, Upper Hutt Phone: 0800 800 543 Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	May 2014

Section 2: Hazards Identification

Hazard classifications	6.1E, 6.3B, 9.1A
Priority identifiers	Warning Ecotoxic
Secondary identifier	6.1E May be harmful if swallowed, inhaled or absorbed through the skin. 6.3B May cause skin irritation 9.1A Very toxic to aquatic organisms with long-lasting effects.
Risk & Safety Phrases	R50 Very toxic to aquatic organisms

Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Fluralaner	846731-61-3	13.64%
Sodium lauryl sulphate	151-21-3	<5 %
Disodium Pamoate	6640-22-8	<5 %

Section 4: First Aid Measures**Necessary first aid measures**

SKIN CONTACT In case of skin contact, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

EYE CONTACT In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

INGESTION Rinse mouth with water and drink a glass of water. DO NOT induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

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INHALATION Remove affected person promptly to fresh air. Administer artificial respiration if breathing has ceased.

Required instructions For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder or water spray.
Hazchem code	2X
Recommended protective clothing	Wear full protective clothing and self-contained breathing apparatus (SCBA).

Section 6: Accidental Release Measures

Emergency procedures	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Recover and salvage product where possible. Otherwise sweep up and collect and place in sealable container for disposal. Seek advice from the local authority regarding disposal. Avoid contamination of any water source with product or empty container.
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Section 7: Handling and Storage

Precautions for safe handling	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use.
Regulatory requirements	Signage required where quantities greater than 100kg are present. Emergency Plan required where quantities greater than 100kg are present.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Approved handlers	Not required
Conditions for safe storage	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
Store site requirements	Store below 30°C. Protect from humidity and light. Do not refrigerate.
Packaging	Schedule 4

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Section 8: Exposure Control/Personal Protection

Workplace exposure standards	No WESs are set for this product.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	TEL – not applicable
Personal protection	Wear chemical resistant gloves, facemask or goggles.

Section 9: Physical and Chemical Properties

Appearance	Light to dark brown chewable tablet
Boiling Point	Not determined
Melting/Softening point	Not determined
Vapour Pressure	Not determined
Specific Gravity	Not determined
Solubility (H ₂ O)	Not determined
Percent Volatiles	Not determined
Flash Point	Not determined
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions. No hazardous reactions known.
Conditions to avoid	Keep away from heat, sparks, open flame and direct sunlight.
Material to avoid	Avoid food products. Strong acids and bases. Strong oxidizers.
Hazardous decomposition products	No dangerous decomposition is expected if used according to manufacturer's specifications.

Section 11: Toxicological Information

Acute effects for individual ingredients only

ORAL	Fluralaner: LD50 >2000mg/kg (rat); Sodium lauryl sulphate: LD50 1288mg/kg (rat)
DERMAL	Fluralaner: LD50 >2000mg/kg (rat); Sodium lauryl sulphate: LD50 580mg/kg (rabbit) (IUCLID)
TEL	No TEL is set for this substance at this time.

Disodium Pamoate: Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Inflammation of the eye is characterized by redness, watering, and itching.

Chronic/long term effects for individual ingredients only

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Section 12: Environmental Information

Effects for individual ingredients only

AQUATIC	Fluralaner: 96-hr LC50 (Common carp): 2 mg/L 48-hr EC50 (Daphnia magna): 0.0001 - 0.01 mg/L 72-hr EC50 (P. subcapitata): >10 mg/L
TERRESTRIAL INVERTEBRATES	No data
EEL	Not applicable

Section 13: Disposal Considerations

Disposal information	Disposal of Product and Container Dispose of this product by wrapping with paper and disposing in a suitable landfill. Avoid contamination of any water source or the environment with product or empty container.
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Section 14: Transport Information

Relevant information	UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Isoxazoline derivative – Fluralaner) Class 9 PGIII Limited quantities/Consumer commodity: 5kg Maximum quantity for own agricultural use: 250kg
Other requirements	Refer to Haznote.

Section 15: Regulatory Information

Regulatory status	ACVM Registration No: A11019 For conditions of registration see www.foodsafety.govt.nz HSNO Approval Code: HSR100757. For a full listing of controls see www.epa.govt.nz
HSNO and ACVM controls	Emergency Plan: 100kg Signage: 100kg

Section 16: Other Information

Additional information	Bravecto is a registered trademark.
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